



# INSTRUCTION MANUAL

OIL DRAINER

No.GOD80A

For receiving, transporting, and discharging waste oil from automobile oil change.

Thank you for purchasing KTC (No.GOD80A).

In order to use this product safely and correctly, please be sure to read this Instruction Manual before use. Be sure to understand the precautions and usages described herein and warning labels shown on the product before using it.

Please store it with the product.

## Precautions

CAUTION	Indicates failing to observe the precautions herein may result in injuries or property damages.		Indicates things prohibited to perform.
	Indicates things you must perform.		Indicates things you need to be careful of.

### Please read before using the product. CAUTION

- Please be sure to read and understand this Instruction Manual and precautions.
- Make sure that no bolts and nuts are loose on each of parts.
- Be careful not to expose the product to chemicals, seawater, and moisture.
- For safety, be sure to wear eye protection when you using the product.
- Maintenance and safety checks should follow this instruction manual. Otherwise, it may cause the product or car break, or malfunction.
- Do not use the product when the product or object to be worked on is defective in any way such as it has crack or distortion.
- Do not operate the product with excessive torque, which may lead to damaging the product. Do not use it outside the specified torque range.
- Do not apply pressure or shock to the product. Otherwise, it may cause the product to malfunction.
- Do not disassemble or remodel the product. The product cannot function fully after it has been heated or remodeled.
- Do not operate the product on an unstable workpiece.
- Do not operate the product on an object or part which is out of the scope or specification of the product.

Please read before operating the product.



CAUTION



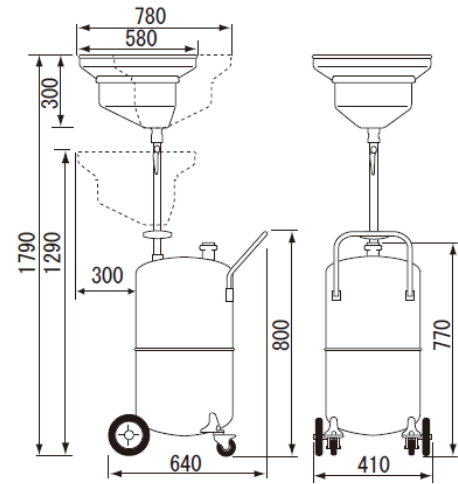
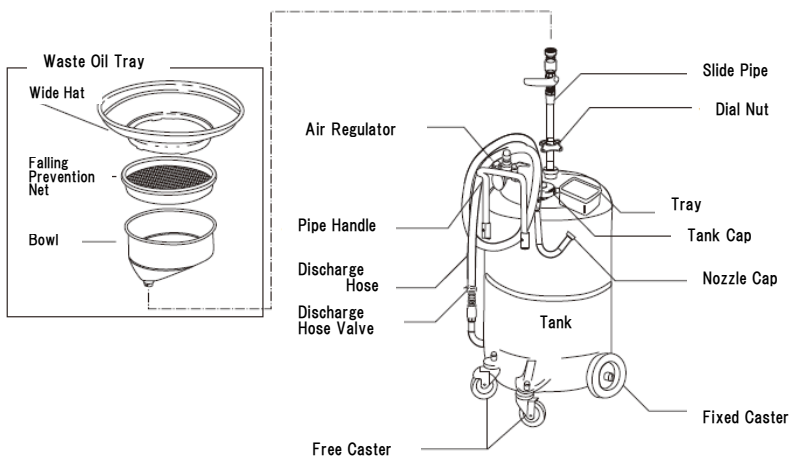
- Wear safety goggles, gauntlet, ear pieces, safety hat, antidust mask when taking out oil with high temperature. Be careful not to get burned.
- Use KTC genuine products for replacement of parts.
- Do not use in areas with slopes or rough surfaces.
- Be sure to hold on to the discharge hose since the nozzle vibrates while waste oil is discharged.
- Hold the pipe handle and the grip on waste oil tray to transfer the product in order not to fall during transfer.
- Fix the pipe handle and the grip on waste oil tray by a fixing strap during transfer.
- Be sure to keep waste oil tray, during adjustment the height.
- Unplug nozzle plug of discharge hose, before starting discharging.
- Discharging pace is changed by oil temperature.



- This product is for automobile oil. Do not use this product for purpose other than its original or modify it.
- Do not pour in strongly inflammable substances (gasoline, thinner, benzene, etc.) or strongly corrosive substances (brake fluid, water, LLC, chemicals, etc.).
- Do not raise the input air pressure over 1bar (0.1Mpa / 1kgf / cm<sup>2</sup>) while discharging waste oil.
- Do not heat the tank and not to use it near heat reservoir.
- Do not pour waste oil over the stop line on the level gauge.
- Do not leave the tank in the pressured state.
- Do not close inlet valve except discharging.

### Structure and Part Names

Product Name	No.	Tank		Waste Oil Tray			Caster Dia.		Air Coupler for Input	Discharge Hose	Air Pressure Waste Oil Discharge	▼kg
		Full Capacity	Effective Capacity	Capacity	Size L×W×H	Wide Hat	Front (Fixed)	Back (Free)				
Ukeru-Kun	GOD80A	80L	62L	131L	580(390)X 300	Standard	φ80	φ150	Nitto Kogyo 20mm	φ19・2m	Standard Equipment	28



**Application**

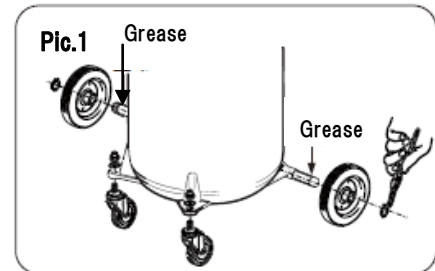
Light automobile to standard-sized car and 2t

**HOW TO ASSEMBLE**

**1** INSTALLATION OF CASTER (Pic. 1)

- Install fixed caster on the both shaft behind the Tank, and fix it by fastening Snap Ring.
- Install a free caster in the hole position ahead, place the washer, and tighten the hexagon cap nut with the wrench etc.

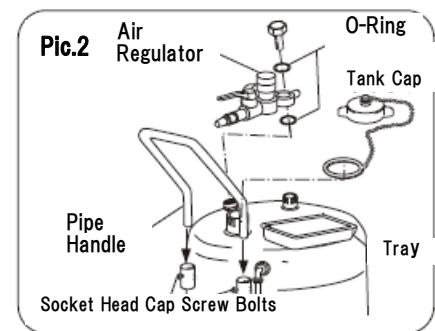
**NOTE** Apply engine oil a little on moving part of caster if the caster does not move smoothly.



**2** INSTALLATION OF PIPE HANDLE etc. (Pic. 2)

- Insert the pipe handle, into the bottom of the installation hole and fix with socket head cap screw bolt (with across flat 5mm).
- Attach the tray to the section as shown in the figure. Attach tank cap.
- Attach air regulator.

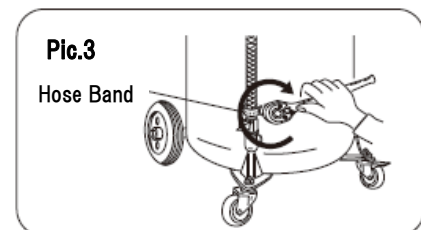
**NOTE** Take caution not to damage the O-ring.



**3** INSTALLATION OF DISCHARGE HOSE (Pic. 3)

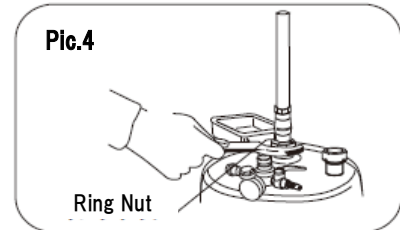
- Connect Discharge Hose with Discharge hose Valve on the bottom of Tank and fix it by Hose Band (with across flat 7mm).

**NOTE** Fasten Hose Band tightly by a socket wrench, etc. to prevent leakage.



#### 4 INSTALLATION OF SLIDE PIPE (Pic. 4)

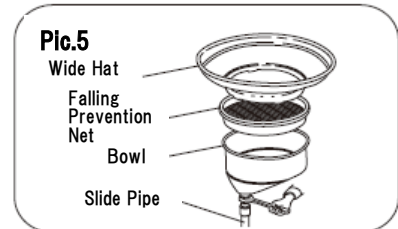
- Install Slide Pipe on the front side of the Tank, and fix it by fastening Ring Nut with a pipe wrench.



#### 5 INSTALLATION OF WASTE OIL TRAY (Pic. 5)

- Screw the bottom mouth into Slide Pipe and fix it by fastening with a wrench. Attach Wide Hat with Falling Prevention Net to complete Waste Oil Tray.

**NOTE** Apply engine oil a little on moving part of Slide Pipe if Waste Oil Tray does not move up and down smoothly.



#### Method of custody

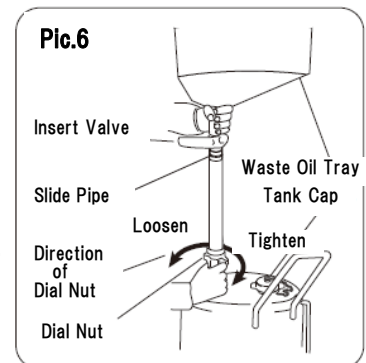
- Wind up Aspiration Hose with the air hose detached, stores the Aspiration Nozzle in the holder, and keep it in a steady place.
- Fix the caster with the trig etc. to discharge all wasted oil of the tank, and so as not to fall and keep it when keeping it for a long time.

#### HOW TO USE

##### A. GOD80A Waste Oil Draining

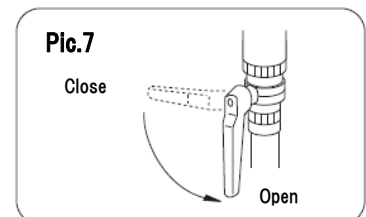
###### <Adjustment the Height of Waste Oil Tray>

- ① Put Oil Drainer in a stable and horizontal place.
- ② Hold Waster oil Tray by hand to prevent falling down. (Pic.6)
- ③ Loosen Dial Nut.
  - NOTE** Be Careful of your head not to be hit by waste Oil Tray when loosening Dial Nut.
- ④ Adjust the height of Waste Oil Tray according to the position of Drain Plug.
- ⑤ Fasten Dial Nut securely to fix Slide Pipe.
  - NOTE** Make sure to fix Slide Pipe and fasten Dial Nut firmly so that not to fall.



###### <Receiving Waste Oil>

- ⑥ Confirm that the inlet valve is open. (Pic.7)
- ⑦ Confirm Tank Cap is loosened. ( for air release)
- ⑧ Confirm the position and direction of drain plug. Then loosen to remove it.
  - NOTE** Do not pour waste oil into Tank over the stop line on Level Gauge.
  - NOTE** Do not put oil filters, etc. on Waste Oil Tray.



## B. GOD80A Discharging Oil from the tank

### <Preparation for Discharge>

- ① Close all valves including inlet valve, air regulator valve, and aspiration valve. (Pic.8)
- ② Close Tank Cap.
- ③ Loosen Dial Nut and pull up Waste Oil Tray to the upper limit (till you can hear the click sound by connection of Slide Pipe). (Pic.9)
- ④ Tighten Dial Nut and fix it.
- ⑤ Confirm if the discharge container (drum, waste oil tank etc.) has enough open capacity.
- ⑥ Remove the nozzle cap on discharge hose and insert into the discharge container.

**NOTE** Use a waste cloth to prevent waste oil from you when you remove the nozzle cap.

### <Discharging>

- ⑦ Hold the discharge hose by hand to prevent it from coming off of the discharge container. (Pic.10)
- ⑧ Connect air hose.
- ⑨ Open discharge hose valve.
- ⑩ Open air regulator valve.
- ⑪ When discharge is complete, remove air hose. And close the discharge hose valve when the exhaust sound stops.

**NOTE** Just before the tank of this product become empty (discharge completion), waste oil and air will be mixed and discharged, causing vibration in the discharge hose nozzle. Always hold the discharge hose securely during discharge.

**NOTE** Close the discharge hose valve if you want to stop discharge for an emergency.

**NOTE** When waste oil discharge is complete, do not open inlet valve when the exhaust sound stops.

**NOTE** Do not close inlet valve except when oil is discharged.

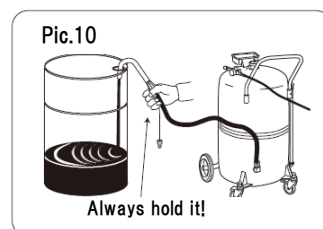
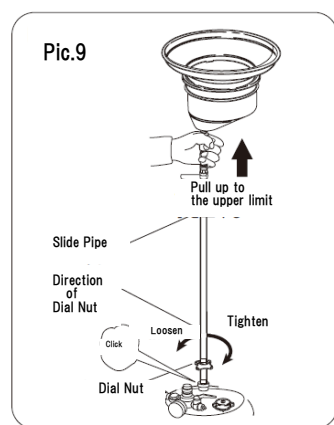
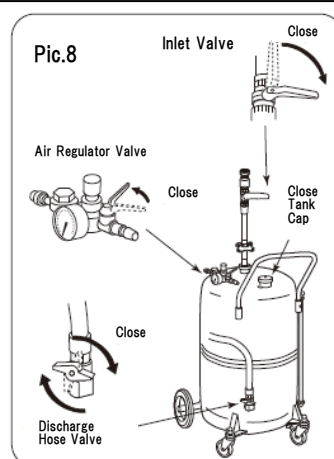
**NOTE** Waste oil discharge rate will very depending on the waste oil temperature. It sometimes takes time to discharge when waste oil is cold.

**NOTE** If the discharge operations are not followed, waste oil may flow backward and may result with splash or mist of waste into the air.

**NOTE** Do not raise the input air pressure over 1bar (0.1Mpa/1kgf/cm<sup>2</sup>) after the decompression.

**NOTE** Discharge hose is connected with the pipe which extends to the bottom of the tank, and waste oil below the level gauge can be discharged.

**NOTE** Wind up and fix the hoses so as not to rub.



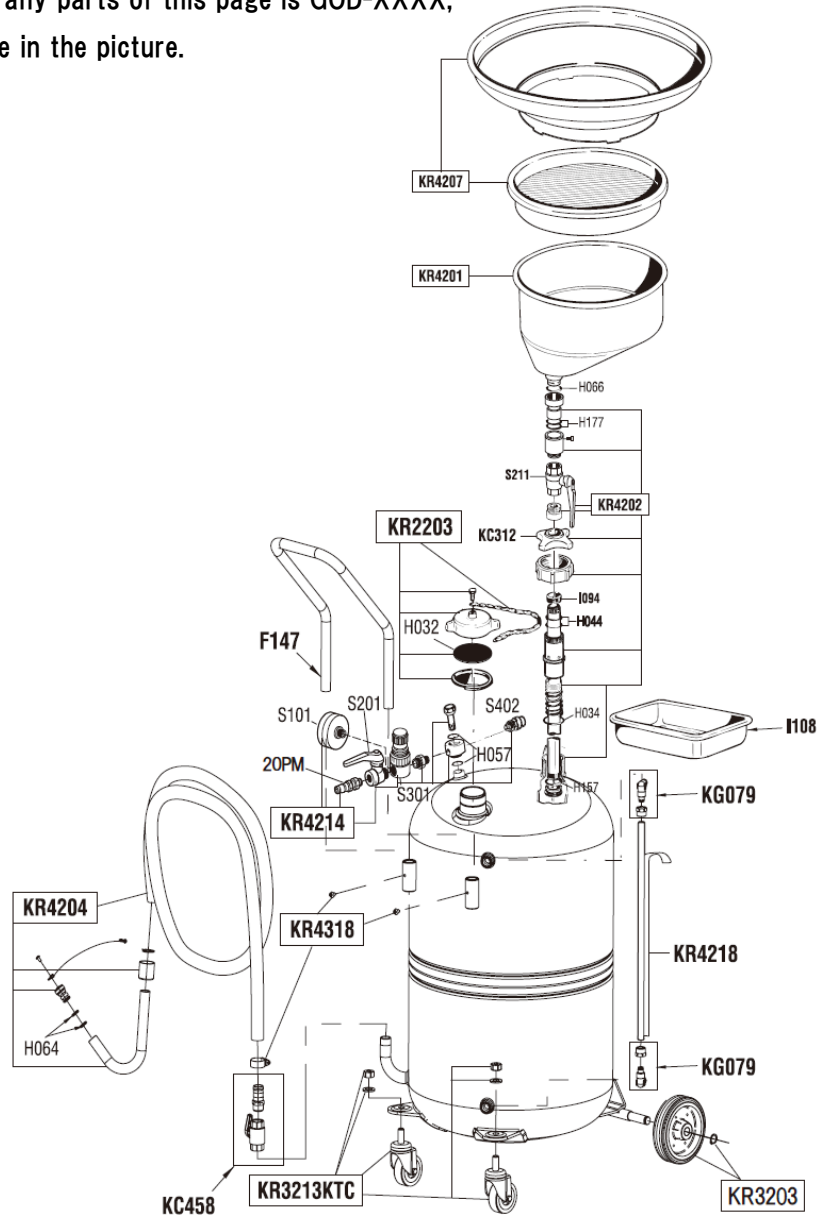
TROUBLE CHECKPOINT

- ❓ Tried to discharge waste oil in the tank but “cannot discharge” or “the discharge quantity is small.”
- Ⓐ Close Inlet Valve on Slide Pipe and pull up Waste Oil Tray to the upper limit till you can hear the click sound by connection of Slide Pipe.
- Ⓐ Adjust the input air pressure under 1bar (0.1Mpa/1kgf/cm<sup>2</sup>).

Please consult the **KTC** dealer about the repair and the check when it is not improved even if it executes it.

SPARE PARTS

Though the product number of any parts of this page is GOD-XXXX,  
 “GOD-“is omitted to save space in the picture.



Part Name	Product No.	Volum
Air coupler	GOD-20PM	1
Friction Ring	GOD-1094	1
Tray	GOD-I108	1
Discharge Hose Valve	GOD-KC458	1set
Pipe Handel (Small)	GOD-F147	1
Dial Nut	GOD-KC312	1
Level Gauge Elbow Assy	GOD-KG079	2set
Tank Cap	GOD-KR2203	1set
Fixed Caster φ150 (with Snap Ring)	GOD-KR3203	1set
Bowl	GOD-KR4201	1

Part Name	Product No.	volume
Discharge hose Assy	GOD-KR4204	1set
Hose band	GOD-KR4318	1set
Level Gauge Pipe (for 80L Tank)	GOD-KR4218	1
Wide Hat + Falling Prevention Net	GOD-KR4207	1set
Inflow Valve	GOD-S211	1
Safety Vale	GOD-S402	1
Free Caster φ80 (with nut)	GOD-KR3213KTC	1set
Air Regulator Valve	GOD-S201	1
Vacuum Gauge	GOD-S101	1
Air Regulator	GOD-S301	1

Part Name	Product No.	volume
Regulator Assy	GOD-KR4214	1set
Slide Pipe Assy	GOD-KR4202	1set
Packing	GOD-H032	1
O-Ring	GOD-H034	1
O-Ring	GOD-H044	1
O-Ring	GOD-H057	2
O-Ring	GOD-H064	2
O-Ring	GOD-H066	1
O-Ring	GOD-H157	1
O-Ring	GOD-H177	2

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